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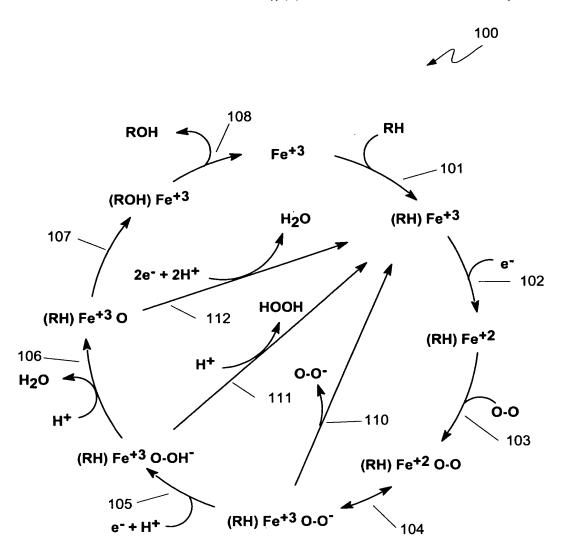


FIGURE 1

FIG. 2

The state of the s

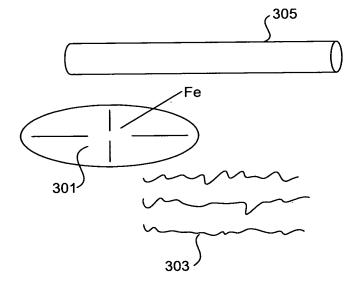


FIGURE 3A

FIGURE 3B

then then then the the thing into the thing then the terms then the terms then the thing then the

E in

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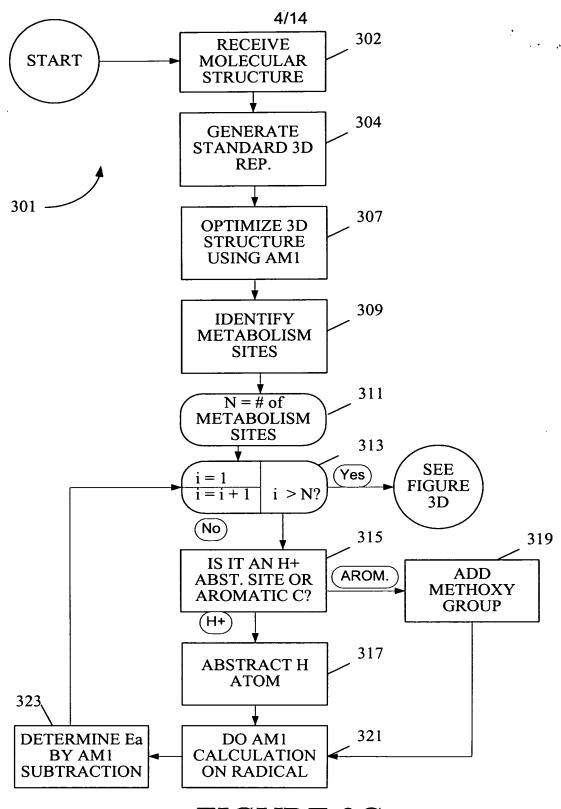


FIGURE 3C

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5/14 **SEE FIGURE** 3C **OUTPUT** 325 **REGIOSELECT-IVITY TABLE** 327 MAP Ea's TO **RELATIVE RATES CURVE** 329 **OUTPUT BINNED LABILITY SCORES FOR ACTIVE SITES** 330 CORRECT FOR **ACCESSIBILITY FACTORS** FOR EACH SITE, DETERMINE 331 CONTRIBUTION OF PEROXIDE PATHWAY AND EMPLOY TO REFINE REACTIVITY **DONE**

FIGURE 3D

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FIGURE 3E

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$$S + O_2 + NADPH \longrightarrow P + H_2O + NADP^+$$

 $S + O_2 + NADPH \longrightarrow S + H_2O_2 + NADP^+$
 $S + O_2 + 2NADPH \longrightarrow S + 2H_2O + 2NADP^+$

FIGURE 4A

	O_2	NADPH	H_2O_2
Product formation	1	1	0
Peroxide decoupling	1	1	1
Water decoupling	1	2	0

FIGURE 4B

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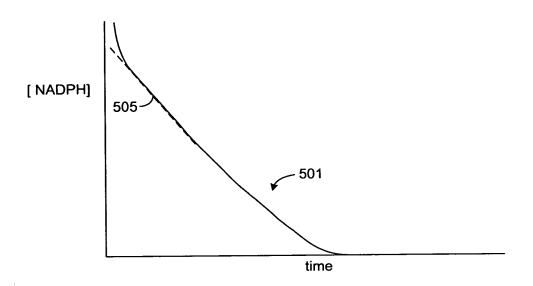


FIGURE 5A

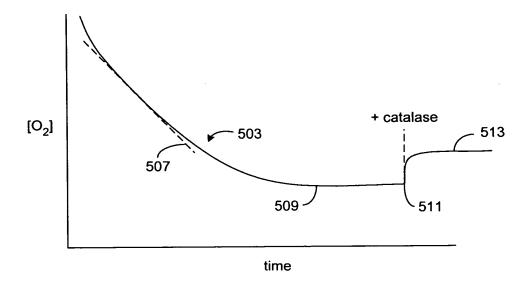


FIGURE 5B

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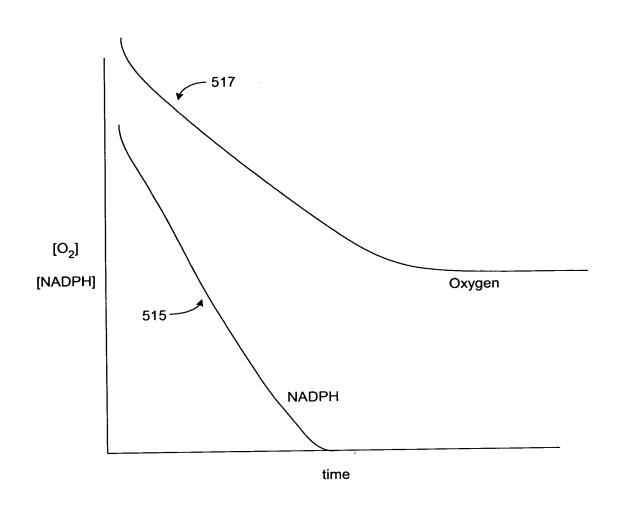


FIGURE 5C

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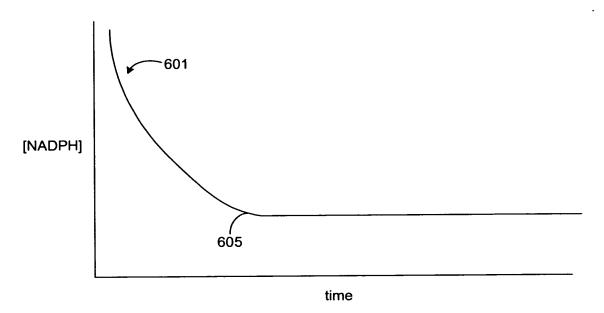


FIGURE 6A

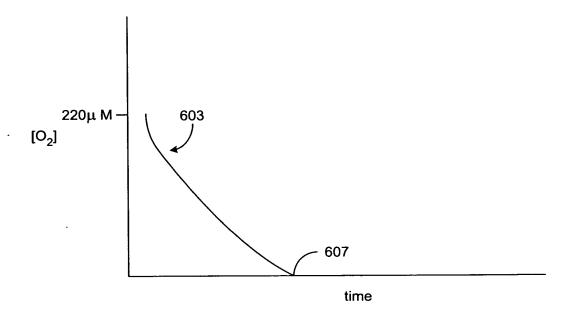


FIGURE 6B

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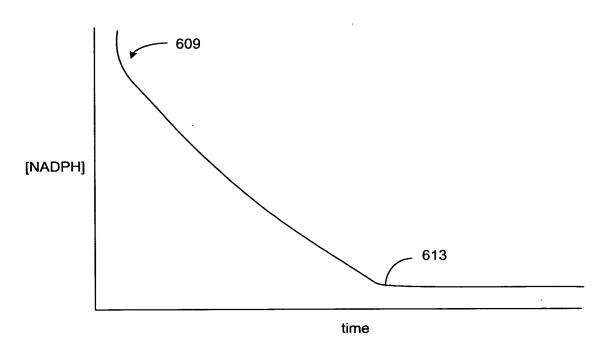


FIGURE 6C

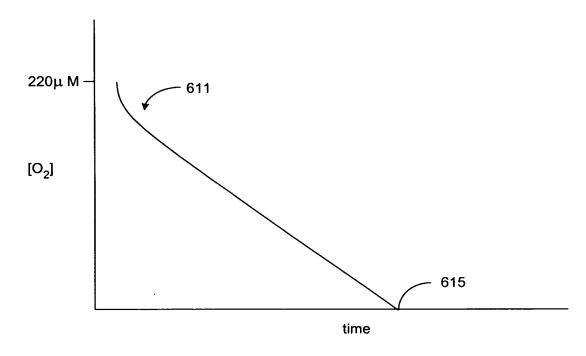


FIGURE 6D

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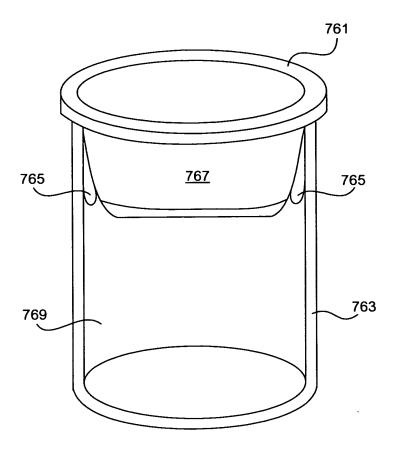
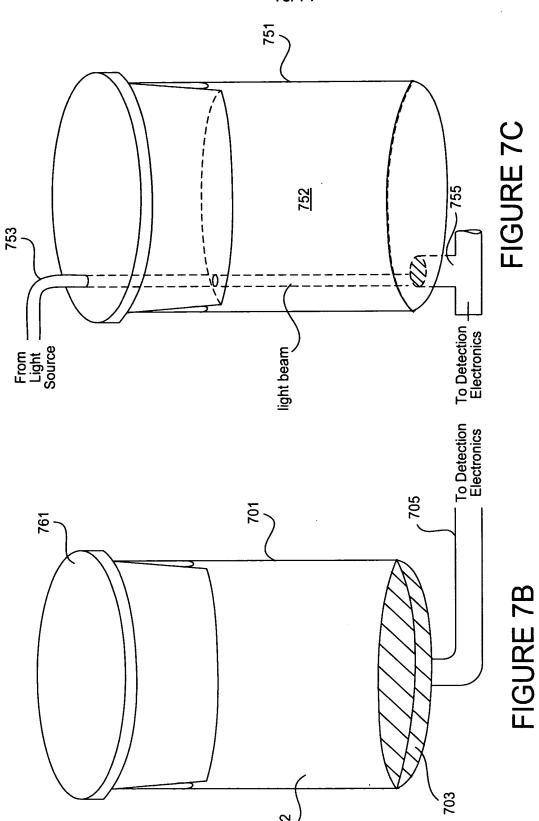


FIGURE 7A

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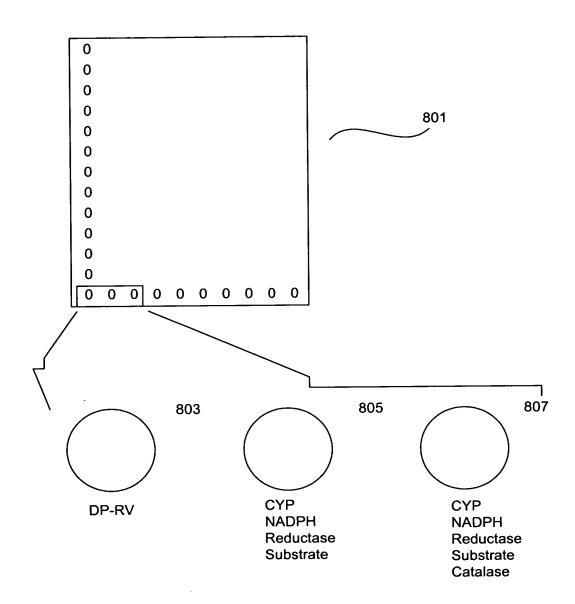


FIGURE 8